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(54) Title: POWDEROUS FORMULATIONS OF FAT-SOLUBLE ACTIVE INGREDIENTS

(57) Abstract: Stable powderous formulations containing a fat-soluble active ingredient, e.g., vitamin A, in a matrix of a native lupin protein composition are disclosed.



### CORRECTED VERSION

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23L1/302 A23L1/303 A23L1/275 A23L1/30 A23L1/305 A61K7/00 A23J1/14 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) A23L A23J A61K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-12 EP 1 405 572 A (FRAUNHOFER GES FORSCHUNG) E 7 April 2004 (2004-04-07) claims 1-3,7,10-21; examples 1,6,8,10 DATABASE WPI X Section Ch, Week 199515 Derwent Publications Ltd., London, GB; Class D13, AN 1995-113373 XP002287568 & RU 2 017 434 C1 (GOLOVCHENKO V I) 15 August 1994 (1994-08-15) apstract 1,10 US 4 892 727 A (GROLLIER JEAN-FRANCOIS) X 9 January 1990 (1990-01-09) column 2, line 7 - line 32 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date . "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means \*P\* document published prior to the international filing date but "&" document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 0 6. 10. 2004 27 September 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Riiswiik Tel. (+31-70) 340-2040, Tx. 31 651 apo nl, Smeets, D Fax: (+31-70) 340-3016



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